

Page #	Question	Answer	Explanation
page 1	1	b	the article sites a study on line 3. Studies are based on outcomes of research
	2	a	this is the general idea of the article
	3	d	7 days x 24 hours = 168. $7 \times 24 = 168$
	4	d	use process of elimination. Paragraph 2 refers to "that authors" that wrote the article. The article never mentions a neurologist, law enforcement or a math professor.
page 2	5	b	2005 survival rate is 28%, 2009 rate is 40%. $40\% - 28\% = 12\%$
	6	c	34% of 1050 ( $.34 \times 1050$ ) = 357. closest number is 350
	7	a	inferred by article.
	8	c	the first logical step in trying to duplicate a program in your city would be to see how another city started their program. Training personnel, buying equipment, setting up appoints and analyzing data would all come after
page 3	9	c	Stated in article paragraph 3 line 3 "Crews could not gain entry through the first floor because mountains of clutter blocking...
	10	d	with the potential dangers outlined in the final paragraph, and the fact that the home was unoccupied, there is no longer a need to focus on the rescue of a victim
	11	e	stated in the article in the second paragraph
	12	c	$1\% \times 500$ , ( $.01 \times 5000$ ) = 50. 50 gallons is 1% of 5000 gallons
	13	c	$24 \text{ (students)} / 6 \text{ (instructor to student ratio)} = 4 \text{ instructors} + 1\text{ISO} + 1 \text{ IC} = 6 \text{ total instructors}$
	14	a	maintain the present tense pouring, checking
	15	c	correct spelling of misspelled has two "s"
page 4	16	b	remember order of operations, multiply $5 \times 2$ first!, then complete the problem. $54 + 17 - 10 = 51$
	17	e	$80/220$ (divide numerator & denominator by 10) = $8/22$ (divide numerator & denominator by 2) = $4/11$
	18	a	$9\% \times 52 = .09 \times 52 = 4.68$
	19	e	$1/20 = .05$ , $.05 = 5\%$
	20	b	$3 \times (\text{age}) = 2 \times (\text{age}) + 10$ . Subtract $2(\text{age})$ from each side of the equation and $\text{age} = 10$
	21	a	$15\% \times 9$ , $.15 \times 9 = 1.35$
	22	d	the bar graph for Honolulu ends at 22.02 which is between 20 and 30 on the y axis
page 6	23	c	lethargic was stated in article, 3rd paragraph, 3rd line
	24	b	inferred by article, (fight in progress, police unable to control scene, bystander threatened to get a gun)
	25	b	of the items listed, none is more important than breathing
	26	c	a,b,d,e were never mentioned in the article, c is referred to several times in the article ad in question #24
	27	b	present tense
	28	b	the article revolved around a child (pedestrian) being hit (struck) by a vehicle
	29	b	correct spelling of accidentally has two "l"s
	30	c	stated in article paragraph 1, 4th line